

EFFICACY AND SAFETY OF INHALED CORTICOSTEROIDS IN TREATMENT OF ASTHMA EXACERBATION

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Summary

In randomized, controlled study, which included 90 patients with asthma exacerbation, an efficacy of short-term high doses inhaled and systemic corticosteroids was studied. Inhaled corticosteroids — budesonide and fluticasone propionate — are effective medications for treatment of both mild and severe asthma exacerbations. They allow to achieve a resolution of clinical symptoms and normalization of the pulmonary function parameters. The efficacy of budesonide and fluticasone propionate was similar, but the rate of symptoms relief and normalization of pulmonary function indices was higher fluticasone group of patients. Short-term (2–3 weeks) high doses therapy with inhaled corticosteroids didn't suppress hypothalamic-pituitary-adrenal system, didn't cause systemic cardiovascular effects and equally seldom caused local adverse reactions (6,6 % and 6,6 % respectively).